I Claim:

1. A method of making operational measurements in a wireless communication system, comprising:

a) sending a measurement request from one of a main controller and a first base station to at least a second base station, said measurement request requesting said second base station to instruct mobile terminals in communication with said second base station to make operation measurements of at least one signal transmitted by said first base station;

b) transmitting a measurement instruction from said second base station to said mobile terminals in communication with said second base station in response to said measurement request, said measurement instruction instructing said mobile terminals in communication with said second base station to make operational measurements of said signal transmitted from said first base station; and

c) receiving results of said operational measurements at said second base station from said mobile terminals in communication with said second base station.

2. The method of claim 1, further comprising:

d) sending said received results to said main controller.

3. The method of claim 1, further comprising:

d) processing said received results; and

e) sending said processed received results to said main controller.

4. The method of claim 3, wherein said step d) averages said received results.

5. The method of claim 3, wherein

said step c) receives results of said operational measurements and location information indicating a location of said mobile terminal taking each operational measurement; and

said step d) creates a map of said received results based on said location information.

6. The method of claim 1, wherein said step c) receives results of said operational measurements and location information indicating a location of said mobile terminal taking each operational measurement.

7. The method of claim 1, wherein said signal transmitted from said first base station is transmitted at a constant power level.

8. The method of claim 7, wherein said signal transmitted from said first base station is a forward control channel signal.

9. The method of claim 7, wherein said wireless communication system is a code-division multiple access system and said signal transmitted from said first base station is a pilot signal.

10. The method of claim 7, wherein said signal is one of a reserved or dummy channel.

11. The method of claim 7, wherein said signal is an existing channel held at a constant power level.

12. The method of claim 1, further comprising:

d) making said operation measurements at said mobile terminals in communication with said second base station during off time-slots of said mobile terminals in communication with said second base station in response to said measurement instruction.

13. The method of claim 1, wherein said step a) ~~sends~~ said measurement request from said main controller.

14. The method of claim 1, wherein said step a) ~~sends~~ said measurement request from said first base station to said second base station via said main controller, said measurement

request instructing said main controller to send said measurement request to said second base station.

15. The method of claim 1, wherein said operational measurements includes at least one of signal strength, signal-to-noise ratio, frame error rate and bit error rate of said signal transmitted from said first base station as received at said mobile terminals in communication with said second base station.

16. A method of making operational measurements in a wireless communication system, comprising:

a) sending a measurement request from one of a main controller and a first base station to at least a second base station, said measurement request requesting said second base station to make operation measurements of at least one signal transmitted by said first base station; and

b) making said operational measurements at said second base station.

17. The method of claim 16, further comprising:

c) sending said received results to said main controller.

18. The method of claim 16, wherein said signal transmitted from said first base station is transmitted at a constant power level.

19. The method of claim 18, wherein said signal transmitted from said first base station is a forward control channel signal.

20. The method of claim 18, wherein said wireless communication system is a code-division multiple access system and said signal transmitted from said first base station is a pilot signal.

21. The method of claim 18, wherein said signal is one of a reserved or dummy channel.

22. The method of claim 18 wherein said signal is an existing channel held at a constant power level.

23. The method of claim 16, wherein said step a) sends said measurement request from said main controller.

24. The method of claim 16, wherein said step a) sends said measurement request from said first base station to said second base station via said main controller, said measurement request instructing said main controller to send said measurement request to said second base station.

25. The method of claim 16, wherein said operational measurements includes at least one of signal strength, signal-to-noise ratio, frame error rate and bit error rate of said signal transmitted from said first base station as received at said second base station.